AMENDMENTS TO THE CLAIMS

1. - 17. (Canceled)

18. (Currently Amended) A transmitter for generating segments of time-sensitive information to be wirelessly transmitted to a receiver, comprising:

a queue ~~operable to store~~for storing a plurality of data frames representing time-sensitive information;

a memory ~~comprising~~ for storing a minimum segment size and a maximum segment size of the segments; wherein the minimum segment size is predefined and wherein the maximum segment size is negotiated between the transmitter and the receiver;

a processor ~~operable to generate~~for generating a first segment, corresponding to at least a portion of the time-sensitive information, when a quantity of the time-sensitive information in the queue allows the first segment to have a first segment size between the minimum segment size and the maximum segment size; and

wherein the processor ~~is further operable to generate~~generates a second segment, corresponding to at least another portion of the time-sensitive information, upon receipt of an acknowledgement message from a receiver, wherein the second segment comprises a second segment size less than the minimum ~~having any size up to the maximum~~ segment size.

19. (Canceled)

20. (Currently Amended) The transmitter of claim 18, wherein the processor ~~is further operable to generate~~generates one or more subsequent segments after the second segment if more of the time-sensitive information is available in the queue, wherein the one or more subsequent segments have any size up to the maximum segment size.

21. (Currently Amended) The transmitter of claim 18, wherein the processor further comprises a first processor and a data protocol processor, wherein the first processor ~~is operable to provide~~provides the data protocol processor with an instruction to generate the first data segment, wherein the data protocol processor ~~is operable to generate~~generates the first segment and the second segment, and wherein the data protocol processor ~~is further operable to~~

~~generate~~generates one or more subsequent segments after the second segment, based on the acknowledgement message, if more of the time-sensitive information is available in the queue.

22. (Currently Amended) The transmitter of claim 18, wherein the processor further comprises a first processor and a data protocol processor, wherein the first processor ~~is operable to provide~~provides the data protocol processor with an instruction to generate the first data segment, wherein the data protocol processor ~~is operable to generate~~generates the first segment and the second segment, and wherein the data protocol processor is further operable, after generating the first segment based on the instruction, to generate one or more subsequent segments if the acknowledgement message is not received and if a remaining quantity of the time-sensitive information in the queue allows each of the one or more subsequent segments to have a respective segment size equal to or greater than the minimum segment size.

23. (Currently Amended) The transmitter of claim 18, wherein the queue ~~is further operable to receive~~receives the respective time-sensitive information corresponding to the first segment before the respective time-sensitive information corresponding to the second segment.

24. (Previously Presented) The transmitter of claim 18, wherein the minimum segment size is predefined and wherein the maximum segment size is negotiated between the transmitter and the receiver.

25. (Previously Presented) The transmitter of claim 18, wherein both of the first segment and the second segment comprise a data packet representing audio information or video information.

26. (Previously Presented) The transmitter of claim 18, wherein the acknowledgement message represents a confirmation of a receipt of the first segment by the receiver.

27. (Currently Amended) The transmitter of claim 18, further comprising a vocoder ~~operable to generate~~for generating the plurality of data frames representing the time-sensitive information.

28. (Currently Amended) The transmitter of claim 18, further comprising an analog-to-digital converter ~~operable to digitize~~for digitizing the time-sensitive information.

29. (Canceled)

30. (Currently Amended) A transmitter for generating segments of time-sensitive information to be wirelessly transmitted to a receiver, comprising:

means for ~~storing~~ queuing a plurality of data frames representing time-sensitive information;

means for storing a minimum segment size and a maximum segment size of the segments; wherein the minimum segment size is predefined and wherein the maximum segment size is negotiated between the transmitter and the receiver;

means for generating a first segment, corresponding to at least a portion of the time-sensitive information, when a quantity of the time-sensitive information in the means for storing the plurality of data frames allows the first segment to have a first segment size between the minimum segment size and the maximum segment size; and

wherein the means for generating ~~is further operable to generate~~generates a second segment, corresponding to at least another portion of the time-sensitive information, upon receipt of an acknowledgement message from a receiver, wherein the second segment comprises a second segment size less than the minimum ~~having any size up to the maximum~~ segment size.

31.- 32. (Canceled)

33. (Currently Amended) A method of generating segments of time-sensitive information to be wirelessly transmitted to a receiver, comprising:

~~storing~~ queuing a plurality of data frames representing time-sensitive information;

storing a minimum segment size and a maximum segment size of the segments; wherein the minimum segment size is predefined and wherein the maximum segment size is negotiated with the receiver;

generating a first segment, corresponding to at least a portion of the time-sensitive information, when a ~~stored~~ queued quantity of the time-sensitive information allows the first segment to have a first segment size between the minimum segment size and the maximum segment size; and

generating a second segment, corresponding to at least another portion of the time-sensitive information, upon receipt of an acknowledgement message from a receiver, wherein the second segment comprises a second segment size less than the minimum ~~having any size up to the maximum~~ segment size.

34. (Canceled)

35. (Previously Presented) The method of claim 33, further comprising generating one or more subsequent segments after the second segment if more of the time-sensitive information is available in the queue, wherein the one or more subsequent segments have any size up to the maximum segment size.

36. (Previously Presented) The method of claim 33, further comprising receiving an instruction to generate the first data segment, and further comprising generating one or more subsequent segments after the second segment, based on the acknowledgement message, if more of the time-sensitive information is available in the queue, wherein the one or more subsequent segments have any size up to the maximum segment size.

37. (Previously Presented) The method of claim 33, further comprising receiving an instruction to generate the first data segment, and further comprising, after generating the first segment based on the instruction, generating one or more subsequent segments if the acknowledgement message is not received and if a remaining stored quantity of the time-sensitive information allows each of the one or more subsequent segments to have a respective segment size equal to or greater than the minimum segment size.

38. (Previously Presented) The method of claim 33, further comprising receiving the respective time-sensitive information corresponding to the first segment before receiving the respective time-sensitive information corresponding to the second segment.

39. (Previously Presented) The method of claim 33, wherein the minimum segment size is predefined and further comprising negotiating the maximum segment size with the receiver.

40. (Previously Presented) The method of claim 33, wherein generating both of the first segment and the second segment further comprises generating a respective data packet representing audio information or video information.

41. (Previously Presented) The method of claim 33, further comprising receiving the acknowledgement message in confirmation of a receipt of the first segment by the receiver.

42. (Previously Presented) The method of claim 33, further comprising generating the plurality of data frames representing the time-sensitive information.

43. (Previously Presented) The method of claim 33, further comprising digitizing the time-sensitive information.

44. (Canceled)